

IN THE CLAIMS

1. (Original)

A process for producing a dosage form in film form for surface administration of at least one active ingredient and/or nutrient to a living creature comprising at least one active ingredient-containing and/or nutrient-containing layer based on hydrophilic polymers crosslinked with at least one polyacrylic acid derivative by building up individual layers successively on a smooth surface, characterized by the steps:

- a) simultaneous spraying of an aqueous solution of the hydrophilic polymers and of the active ingredient and/or of the nutrient and of an aqueous solution of the polyacrylic acid derivative,
- b) removal of the water by drying.

2. (Original)

The production process as claimed in claim 1, characterized in that an optionally crosslinked polyacrylic acid, preferably a polyacrylic acid crosslinked with allylsucrose or allylpentaerythritol and/or a polyacrylic acid crosslinked with divinylglycol, where appropriate neutralized with calcium, is used as polyacrylic acid derivative.

3. (Currently Amended)

The production process as claimed in claim 1 ~~or 2~~, characterized in that hydroxypropylmethylcellulose, hydroxyethylcellulose and/or methylcellulose, preferably hydroxypropylmethylcellulose, is employed as hydrophilic polymer.

4. (Currently Amended)

The production process as claimed in claim 1 ~~any of claims 1 to 3~~, characterized in that the weight ratio of hydrophilic polymers to polyacrylic acid derivative(s) is from 5:1 to 5:4, preferably 5:2 to 5:3.

5. (Currently Amended)

A dosage form produced as claimed in claim 1 ~~any of claims 1 to 4~~.

6. (Original)

The dosage form as claimed in claim 5, characterized in that it has at least one active ingredient-containing and/or nutrient-containing layer, a covering layer and where appropriate an adhesive layer.

7. (Currently Amended)

The dosage form as claimed in claim 5 ~~or 6~~, characterized in that at least one active ingredient-containing layer has a concentration gradient of the active ingredient.

8. (Currently Amended)

The dosage form as claimed in claim 5 ~~any of claims 5 to 7~~, characterized in that the covering layer is impermeable for the active ingredient and/or nutrient.

9. (Currently Amended)

The dosage form as claimed in claim 5 ~~any of claims 5 to 8~~, characterized in that it is covered with a protective layer before application.